

## Table of Contents

# Table of Contents

|                  |                                                                                                     |            |
|------------------|-----------------------------------------------------------------------------------------------------|------------|
| <b>Section 1</b> | <b>Executive Summary .....</b>                                                                      | <b>1-1</b> |
| 1.1              | Overview .....                                                                                      | 1-1        |
| 1.2              | Conclusions .....                                                                                   | 1-2        |
| 1.3              | Recommendations for Economic Recovery and Sustainability .....                                      | 1-4        |
| <b>Section 2</b> | <b>Approach and Methodology .....</b>                                                               | <b>2-1</b> |
| 2.1              | Introduction .....                                                                                  | 2-1        |
| 2.2              | Pre-Disaster Economy .....                                                                          | 2-2        |
| 2.3              | Post-Disaster Economy .....                                                                         | 2-3        |
| <b>Section 3</b> | <b>Pre-Disaster Economy .....</b>                                                                   | <b>3-1</b> |
| 3.1              | Commonwealth of Virginia .....                                                                      | 3-1        |
| 3.1.1            | Primary Industries and Employment – Commonwealth of Virginia .....                                  | 3-2        |
| 3.1.2            | Pre-Disaster Trends and Economic Outlook – Commonwealth of Virginia .....                           | 3-4        |
| 3.2              | City of Franklin, and Southampton and Isle of Wight Counties .....                                  | 3-6        |
| 3.2.1            | Primary Industries and Employment – Study Area .....                                                | 3-7        |
| 3.2.2            | Pre-Disaster Trends and Economic Outlook – Study Area .....                                         | 3-9        |
| 3.2.3            | Pre-Disaster Trends and Economic Outlook – Downtown Business District of the City of Franklin ..... | 3-11       |
| 3.2.4            | Major Businesses – Study Area .....                                                                 | 3-12       |
| 3.2.5            | Tax Revenue Sources – Study Area .....                                                              | 3-14       |
| 3.2.6            | Tax Revenue Sources – City of Franklin .....                                                        | 3-16       |
| <b>Section 4</b> | <b>Post-Disaster Economy .....</b>                                                                  | <b>4-1</b> |
| 4.1              | Commonwealth of Virginia .....                                                                      | 4-1        |
| 4.2              | City of Franklin, and Southampton and Isle of Wight Counties .....                                  | 4-1        |
| 4.2.1            | Businesses Affected .....                                                                           | 4-3        |
| 4.2.2            | Annual Revenues Lost .....                                                                          | 4-4        |
| 4.2.3            | Annual Taxes Lost .....                                                                             | 4-5        |
| 4.2.4            | Numbers of Employees .....                                                                          | 4-8        |
| 4.2.5            | Property Damage .....                                                                               | 4-8        |
| 4.2.6            | Equipment and Inventory Damage .....                                                                | 4-9        |
| 4.2.7            | Utility Related Losses .....                                                                        | 4-10       |
| 4.2.8            | Business Reopenings .....                                                                           | 4-10       |
| 4.2.9            | Rebuilding or Relocation .....                                                                      | 4-10       |
| 4.2.10           | Category and Value of Economic Loss .....                                                           | 4-10       |
| 4.2.11           | Business Recovery Assets .....                                                                      | 4-11       |
| 4.2.12           | Agriculture Related Impacts .....                                                                   | 4-11       |

|                       |                                                                       |            |
|-----------------------|-----------------------------------------------------------------------|------------|
| <b>Section 5</b>      | <b>Conclusions and Recommendations .....</b>                          | <b>5-1</b> |
| 5.1                   | Conclusions .....                                                     | 5-1        |
| 5.1.1                 | Virginia .....                                                        | 5-1        |
| 5.1.2                 | City of Franklin, and Southampton and<br>Isle of Wight Counties ..... | 5-2        |
| 5.2                   | Recommendations .....                                                 | 5-3        |
| 5.2.1                 | City of Franklin, and Southampton and<br>Isle of Wight Counties ..... | 5-4        |
| 5.2.2                 | Commonwealth of Virginia .....                                        | 5-9        |
| 5.2.3                 | EDA, FEMA, and other Federal Agencies .....                           | 5-10       |
| <br><b>Appendices</b> |                                                                       |            |
| Appendix A            | Resource Guide for Business Recovery .....                            | A-1        |
| Appendix B            | Deciding to Build Above Minimum Code<br>Requirements .....            | B-1        |
| Appendix C            | Application of HAZUS Earthquake Loss<br>Estimation Methodology .....  | C-1        |
| Appendix D            | Survey Questions for Disaster-Impacted Businesses ..                  | D-1        |
| Appendix E            | Survey Results Compilation .....                                      | E-1        |
| Appendix F            | Reconnaissance Team Members .....                                     | F-1        |
| Appendix G            | Supporting Data .....                                                 | G-1        |

## List of Tables and Figures

# List of Tables and Figures

### Tables

|           |                                                |      |
|-----------|------------------------------------------------|------|
| Table 3.1 | Major Employers – Study Area .....             | 3-13 |
| Table 3.2 | Major Taxpayers – Study Area .....             | 3-14 |
| Table 3.3 | Revenue Sources – Study Area .....             | 3-15 |
| Table 4.1 | Businesses Affected .....                      | 4-3  |
| Table 4.2 | Types of Business Affected .....               | 4-4  |
| Table 4.3 | Annual Taxes Lost .....                        | 4-6  |
| Table 4.4 | Economic Losses – Study Area .....             | 4-11 |
| Table 4.5 | Agriculture Related Impacts – Study Area ..... | 4-11 |

### Figures

|             |                                                                                                                       |      |
|-------------|-----------------------------------------------------------------------------------------------------------------------|------|
| Figure 1.1  | Map of declared cities and counties in Virginia .....                                                                 | 1-1  |
| Figure 1.2  | City of Franklin, Virginia .....                                                                                      | 1-3  |
| Figure 3.1  | Full-time and Part-time Employment –<br>Commonwealth of Virginia .....                                                | 3-3  |
| Figure 3.2  | Wages by Industry – Commonwealth of Virginia .....                                                                    | 3-3  |
| Figure 3.3  | Gross Earnings by Industry –<br>Commonwealth of Virginia .....                                                        | 3-4  |
| Figure 3.4  | Comparison of Annual Average Unemployment<br>Rates – Commonwealth of Virginia and United States ...                   | 3-5  |
| Figure 3.5  | Total Wages – Commonwealth of Virginia .....                                                                          | 3-5  |
| Figure 3.6  | Study Area Contribution to Commonwealth of<br>Virginia Economy .....                                                  | 3-6  |
| Figure 3.7  | Full-time and Part-time Employment – City of<br>Franklin, Southampton and Isle of<br>Wight Counties .....             | 3-7  |
| Figure 3.8  | Wages by Industry – City of Franklin,<br>Southampton and Isle of Wight Counties .....                                 | 3-8  |
| Figure 3.9  | Gross Earnings by Industry – City of Franklin,<br>and Southampton and Isle of Wight Counties .....                    | 3-8  |
| Figure 3.10 | Comparison of Annual Average Unemployment<br>Rates – Study Area, Commonwealth of Virginia,<br>and United States ..... | 3-9  |
| Figure 3.11 | Total Wages in the Study Area .....                                                                                   | 3-10 |
| Figure 3.12 | Private Investment – Downtown Franklin .....                                                                          | 3-11 |
| Figure 3.13 | Net New Businesses – Downtown Franklin .....                                                                          | 3-12 |
| Figure 3.14 | Net New Jobs – Downtown Franklin .....                                                                                | 3-12 |
| Figure 3.15 | Summary of Revenue Sources – Study Area .....                                                                         | 3-15 |
| Figure 3.16 | Revenue Sources – City of Franklin General Fund –<br>General Property Taxes .....                                     | 3-16 |
| Figure 3.17 | Revenue Sources – City of Franklin General Fund –<br>Other Local Taxes .....                                          | 3-16 |
| Figure 3.18 | City of Franklin Expenditures – All Funds .....                                                                       | 3-17 |
| Figure 4.1  | Businesses and Individual Assistance Applicants .....                                                                 | 4-3  |
| Figure 4.2  | Annual Taxes Lost (1-Year Recovery Interval) .....                                                                    | 4-7  |
| Figure 4.3  | Annual Taxes Lost Compared to Revenue Projections ...                                                                 | 4-7  |



# Acronyms

|       |                                                |
|-------|------------------------------------------------|
| CDBG  | Community Development Block Grant              |
| DFO   | Disaster Field Office                          |
| DOC   | Department of Commerce                         |
| DOL   | Department of Labor                            |
| DOT   | Department of Transportation                   |
| DRI   | Disaster Recovery Initiative                   |
| EDA   | Economic Development Administration            |
| EIDL  | Economic Injury Disaster Loans                 |
| FEMA  | Federal Emergency Management Agency            |
| FHWA  | Federal Highway Administration                 |
| FIA   | Federal Insurance Administration               |
| FIRM  | Flood Insurance Rate Map                       |
| FMA   | Flood Mitigation Assistance                    |
| FSA   | Farm Service Agencies                          |
| HMGP  | Hazard Mitigation Grant Program                |
| HRPDC | Hampton Roads Planning District Commission     |
| HUD   | Department of Housing and Urban Development    |
| IRS   | Internal Revenue Service                       |
| NEPA  | National Environmental Policy Act              |
| NFIP  | National Flood Insurance Program               |
| NHPA  | National Historic Preservation Act             |
| NRCS  | Natural Resources Conservation Service         |
| RBS   | Rural Business-Cooperative Development Service |
| RHS   | Rural Housing Service                          |
| RLF   | Revolving Loan Fund                            |
| RMA   | Risk Management Agency                         |
| SBA   | Small Business Administration                  |
| SHPO  | State Historic Preservation Officer            |
| USDA  | U.S. Department of Agriculture                 |



